

### **REMARKS**

Claims 1-49 were originally filed in the present application. No claims were previously or are presently canceled or added. Thus, claims 1-49 remain pending in the present application.

Reconsideration of this application in light of the following remarks is requested.

#### **Rejections under 35 U.S.C. §102(e)**

Claims 1, 5, 8-12, and 44 were rejected under 35 U.S.C. §102(e) as being anticipated by Ouyang. However, submitted herewith is a signed declaration from inventors Shui-Ming Cheng, Ka-Hing Fung, Kuan Lun Cheng, and Yi-Ming Sheu, establishing invention and reduction to practice of the presently claimed subject matter prior to the filing date of Ouyang.

Consequently, Ouyang is disqualified as a §102(e) reference. Accordingly, Applicants respectfully request the Examiner withdraw the §102(e) rejection of claims 1, 5, 8-12, and 44.

#### **Rejections under 35 U.S.C. §103(a)**

Claims 2-4, 6, 7, 13-43, and 45-49 were rejected under 35 U.S.C. §103(a) as being unpatentable over Ouyang in view of one or more of Dawson, Yeo, Okumura, and Shimizu. Applicants traverse these rejections on the grounds that Ouyang is disqualified as a §103(a) reference, as described above. Accordingly, Applicants respectfully request the Examiner withdraw the §103(a) rejection of claims 2-4, 6, 7, 13-43, and 45-49.

**Conclusion**

It is clear from the foregoing that independent claims 1, 16, 28, 38, 44 and 47 are in condition for allowance. Dependent claims 2-15, 17-27, 29-37, 39-43, 45, 46, 48 and 49 depend from and further limit independent claims 1, 16, 28, 38, 44 and 47, in a patentable sense. Therefore, claims 2-15, 17-27, 29-37, 39-43, 45, 46, 48 and 49 are also in condition for allowance.

Consequently, an early formal notice of allowance of claims 1-49 is requested.

Respectfully submitted,



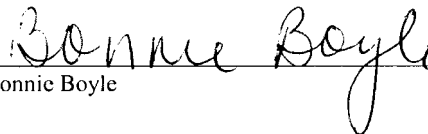
Dave R. Hoffman  
Registration No. 55,272

Dated: June 26, 2006

HAYNES AND BOONE, LLP  
901 Main Street, Suite 3100  
Dallas, Texas 75202-3789  
Telephone: 972/739-8630  
Facsimile: 214/200-0853  
Attorney Docket No.: 24061.149  
Client Matter No.: 2003-0959

**Certificate of Service**

I hereby certify that this correspondence is being filed with the U.S. Patent and Trademark Office via EFS-Web on June 26, 2006.



Bonnie Boyle

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:	§	
Shui-Ming Cheng, et al.	§	Group Art Unit: 2814
	§	
Serial No.: 10/722,218	§	
	§	Examiner: Cao, Phat X.
Filed: November 25, 2003	§	
	§	
For: Semiconductor Device Having High Drive	§	Confirmation No.: 6790
Current and Method of Manufacture	§	
Therefor	§	

**Mail Stop AF**

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION UNDER 37 C.F.R. § 1.131**

I, Shui-Ming Cheng, declare and say that:

1. I am one of the four sole inventors of the subject matter disclosed and claimed in the above-identified application.
2. At all times set forth herein, I was an employee of Taiwan Semiconductor Manufacturing Co., Ltd., the assignee of the above identified application (hereinafter referred to as "TSMC"), in Taiwan.
3. The invention claimed in the above-identified application was reduced to practice prior to October 31, 2003, the filing date of U.S. Patent App. Pub. No. 2005/0093021, as evidenced by the TSMC Invention Disclosure form that I approved before October 31, 2003. A redacted copy of the TSMC Invention Disclosure form is attached.
4. All of the activities described above occurred in Taiwan.

Appl. No. 10/722,218  
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149  
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

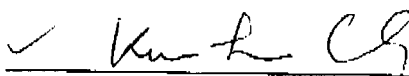
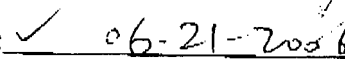
✓ Shui-Ming Cheng  
Shui-Ming Cheng

Date: ✓ 2006, 06, 21

Appl. No. 10/722,218  
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149  
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

  
Kuan Lun Cheng  
Date: 

Appl. No. 10/722,218  
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149  
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Yi Ming Shew  
Yi-Ming Shew  
Date: ✓ 2006, 06, 21

Appl. No. 10/722,218  
Declaration under 37 C.F.R. §1.131

Patent/Docket No. 24061.149  
Customer No. 000042717

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

✓ Ka-Hing Fung  
Ka-Hing Fung  
Date: ✓ 2006, 6, 21